



# US/UK Non-Lethal Weapons (NLW)/Urban Operations Wargaming Program



## *Information Paper*

### **Introduction**

Intense current interest in non-lethal weapons (NLW) technologies embraces the spectrum of concerns from key issues of policy and international law to their operational utility and appropriate use as an element in the panoply of military capabilities. This interest in NLW is reflected in congressionally mandated Department of Defense (DOD) efforts to examine the feasibility of acquiring and employing a number of near-term NLW capabilities. While this effort offers much promise, it addresses only part of the challenge. Consideration of the full spectrum of issues surrounding the employment of non-lethal weapons (NLW) requires a more structured, in-depth assessment of the NLW environment. In addition to addressing today's challenges, this assessment must also seek to define the role of NLW in future warfare (e.g., 2020) as well as develop a transition plan to that future.

### **Background**

In addressing NLW, the Fiscal Year 2001-2005 Defense Planning Guidance notes that:

*“NLWs have proven useful across the range of operations, including both conventional combat operations and the many categories of military operations other than war ... Current efforts to study and understand the use of NLWs from the strategic to the tactical levels must be integrated into all future military and interagency concepts and operations.”*

Currently, NLW Core Capabilities fall into two basic categories: Counter-Personnel and Counter-Materiel. Counter-Personnel capabilities include crowd control, the incapacitation of individuals, the denial of access, and the clearing of facilities and structures. Counter-Materiel capabilities include area denial of land, sea, and/or air spaces and the disabling or neutralizing of equipment or facilities. Additional capabilities, which do not fall into either of these categories, include contaminating food, water, and petroleum products (POL).

**Objectives.** The broad objectives of the US/UK NLW Wargaming Program are:

- ? To identify key policy issues regarding NLW use.
- ? To identify the most promising current and future non-lethal systems.
- ? To determine employment options across different levels of war (tactical, operational, strategic) and in different operational scenarios (Major Theater of War, Non-combatant Evacuation, Small Scale Contingency).

- ? To develop concepts for employment of NLW independently and in combination with other lethal and non-lethal systems.
- ? To identify future NLW requirements – the non-lethal systems or capabilities the operators think they will need in the future.
- ? To further refine, define, and expand the NLW “Core Capabilities.”

## **Scope and Approach**

The US/UK NLW Wargaming Program consists of a series of workshops, seminars and war games. All of these activities have been designed to build on each other. The first seminar addressed overall policy issues associated with NLW, as well as refined the objectives, scope, issues and participants for the subsequent events in the program. Specifically, the first seminar examined political-military issues, rules of engagement criteria, psychological operations, information warfare requirements, and innovative employment concepts. The first war game and its associated workshop addressed the challenges and opportunities associated with the use of NLW at the tactical level of war. The second war game and associated workshop will examine the employment of NLW at the operational level of war. The third war game and workshop will consider the strategic issues surrounding the employment of NLW technologies and concepts. The final event in the program, the Executive Seminar, will review the key findings and issues from the previous events, identify issues for further consideration, and determine possible future courses of action.

In sum, the program consists of two seminars and three paired war games/workshops, tentatively scheduled as follows:

- ? Policy Seminar: 19-20 January 2000, Marine Corps Research Center, Quantico VA
- ? War Game/Workshop One: 4-7 April 2000, Wargaming Division, Quantico, VA
- ? ***War Game/ Workshop Two: 13-16 June 2000, Army War College, Carlisle, PA***
- ? War Game/ Workshop Three: 12-15 Sept 2000, Naval War College, Newport RI
- ? Executive Seminar/Roundtable: November 2000, UK. The intent is to schedule this event proximate to the Jane’s NLW Conference.

**Sponsorship and Execution.** The sponsor of this program is the Commandant of the Marine Corps (CMC) in his capacity as Department of Defense Executive Agent for NLW. CMC sponsorship is exercised through the Joint Non-Lethal Weapons Directorate at Quantico, Virginia. Co-sponsors are the United Kingdom Ministry of Defense (MOD), the Marine Corps Warfighting Laboratory (MCWL), and the Office of the Secretary of Defense, Net Assessment (OSD/NA). The executing agent for this program is the Wargaming Division of the MCWL, with contractor support provided by the Strategic Assessment Center of Science Applications International Corporation (SAIC).

**Participants.** Participants to date have included representatives from all four US Services, the CINC Staffs, other US Federal Agencies (including Law Enforcement and First Responders), the British Armed Forces, Scientists (from government and private industry), Academics, and civilian and military Law of War experts.

**Web Sites.** Participants are referred to the USMC Operations Other Than War (OOTW) web site: [www.ootw.quantico.usmc.mil](http://www.ootw.quantico.usmc.mil) where this information paper and related information may be located, and the Joint Non-Lethal Weapons Directorate (JNLWD) web site: <http://iis.marcorsyscom.usmc.mil/jnlwd/JNLW>.

**Points of Contact.** The primary points of contact for questions or additional information are:

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### **Administrative Information for War Game / Workshop 2, 13 – 16 June 2000**

Location:	The war game will be held at the US Army War College, Carlisle PA.
Directions:	See map.
Schedule:	Each days events will run from 0800-1700, details will be provided in read-ahead material that will be sent approximately 1 week prior to the event.
Conference Fee:	\$ 6 per day which includes continental breakfast and refreshments.
TAD Funding:	All participants are to provide their own funding for this seminar.
Attire:	Civilian casual (e.g., sportshirt and slacks; no jeans, shorts, tee shirts).

### **Security and Check-In Information:**

The Army War College is an open base; no special arrangements are necessary for base access. Collins Hall is a secure facility; participants will be issued access cards upon arrival. These cards must be worn at all times in the building.

Workshop deliberations may go to the SECRET level. ***Participants are required to have their security clearance information sent by fax to the Security Office at AWC as soon as possible. Please be sure to indicate on your fax transmission that the clearance being sent is for the Non-lethal Weapons War Game Two.*** Send faxes to the following number and POC:

Commandant, U.S. Army War College  
Attention: Security Branch (Ms. Dianne Pharo)  
Carlisle Barracks, PA 17013  
Fax number (717) 245-4433 (DSN 242-4433)  
Phone number (717) 245-4192

**HOTEL ARRANGMENTS:** Each participant must complete this registration document and submit to the Carlisle Barracks, ITR Office who will make your hotel reservations for you thereby guaranteeing the government rate at a specified hotel or you can call the ITR office directly at the numbers listed below and ask for Thomas Clement.

Carlisle Barracks, ITR Office  
 632 Wright Ave  
 Carlisle Barracks, PA 17013-5046  
 Phone: (717) 245-3309, Thomas Clement  
 (717) 245-4048, Janet Dove or Virginia Thurlow  
 E-mail: ([clementt@awc.carlisle.army.mil](mailto:clementt@awc.carlisle.army.mil))  
 Web: <http://carlisle-www.army.mil/todaycb/itr/hotel3.htm>

# **INDIVIDUAL HOTEL REQUIREMENT SHEET**

PLEASE E-mail ([clementt@awc.carlisle.army.mil](mailto:clementt@awc.carlisle.army.mil)), Fax or Mail This Sheet To The ITR OFFICE (FAX: 717-245-4068)

Conference Name: SAIC-NON-LETHAL WEAPONS WARGAME II

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ FAX: \_\_\_\_\_

E-mail address \_\_\_\_\_

Please include area code for phone numbers and no DSN numbers. We have to call out on a commercial line.

## **ROOM REQUIREMENTS:**

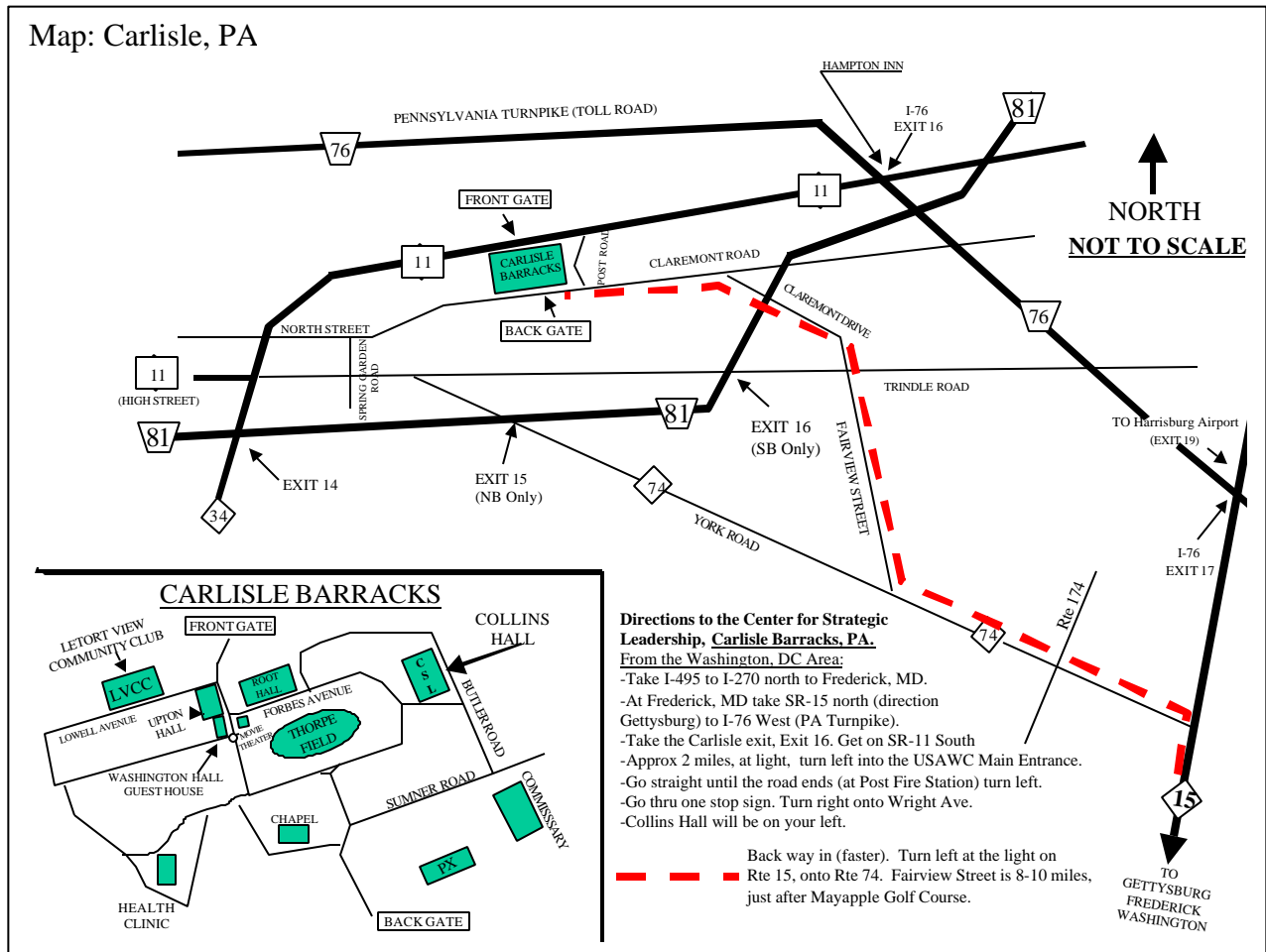
CREDIT CARD NUMBER/Expiration Date This is an absolute requirement by hotels	Room Type		Smoking	Non Smoking	Arrival Date	Departure Date
	Single	Double				

## **Cancellation Policy:**

Rooms guaranteed with your credit card must be cancelled prior to 6:00 p.m. hotel time, day of arrival, to avoid a one-night charge to your credit card for a no show.

Rooms held on a 6:00 p.m. courtesy hold, individuals must check in prior to 6:00 p.m., hotel time, or call in a credit card number to the hotel for a late arrival, or your room will be released at 6:00 p.m.

## Map: Carlisle, PA



# Map: Carlisle Barracks

